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Atty. Docket No.: 4189.0083-06000 Serial No.: 08/482,283  
Applicant: Thompson et al. Examiner: L. Spector  
Filing Date: June 7, 1995 Group: 1646  
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## U.S. PATENT DOCUMENTS

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**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Sub Class	Translation Yes or No
	EP 0 398 817 A1	Nov 22, 1990	EPO			
	WO 88/10299	Dec 29, 1988	PCT			
	WO 89/01946	Mar 9, 1989	PCT			
	WO 89/11540	Nov 30, 1989	PCT			
	WO 91/00742	Jan 24, 1991	PCT			
	WO 91/08285	Jun 13, 1991	PCT			
	WO 91/17184	Nov 14, 1991	PCT			
	WO 91/17249	Nov 14, 1991	RCT			
	WO 92/12724	Aug 6, 1992	PCT			
	WO 92/16221	Oct 1, 1992	PCT			
	WO 93/02692	Feb 18, 1993	PCT			
	WO 93/07863	Apr 29, 1993	PCT			

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	WO 93/08819	May 13, 1993	PCT			
	WO 93/08820	May 13, 1993	PCT			
	WO 93/18783	Sep 30, 1993	PCT			
	WO 93/21946	Nov 11, 1993	PCT			
	WO 93/24134	Dec 9, 1993	PCT			
	WO 94/06457	Mar 31, 1994	PCT			
	WO 94/20517	Sep 15, 1994	PCT			
	WO 94/21235	Sep 29, 1994	PCT			
	WO 94/21275	Sep 29, 1994	PCT			
	WO 95/10298	Apr 20, 1995	PCT			
	WO 95/16353	Jun 22, 1995	PCT			
	WO 95/16706	Jun 22, 1995	PCT			
	WO 96/09323	Mar 28, 1996	PCT			
	EP 0 341 273 B1	Jan 8, 1997 (initially published Mar 9, 1989)	PCT			

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*L. Spector*

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Arend et al., "Effects of Immune Complexes on Production by Human Monocytes of Interleukin 1 or Interleukin 1 Inhibitor", J. Immunol., 134(6):3868-3875 (1985).	
Arend et al., "Effects of Immune Complexes on Production by Human Monocytes of Interleukin 1 or on Interleukin-1 Inhibitor".	
Arend et al., "An IL-1 Inhibitor from Human Monocytes", J. Immunol., 143(6):1851-1858 (1989).	
Arend et al., "Biological Properties of Recombinant Human Monocyte-derived Interleukin 1 Receptor Antagonist", J. Clin. Invest., 85:1694-1697 (May 1990).	
Balavoine et al., "Identification of Interleukin 1-like Activity and Inhibitor(s) in Urine from a Patient with Acute Monoblastic Leukemia", Lymphokine Res., 3(4):233A (Abstract) (1984).	
Balavoine et al., "Prostaglandin E2 and Collagenase Production by Fibroblasts and Synovial Cells is Regulated by Urine-derived Human Interleukin 1 and Inhibitor(s)", J. Clin. Invest., 78:1120-1124 (1986).	
Barak et al., "Interleukin 1 inhibitory activity secreted by a human myelomonocytic cell line (M20)", Eur. J. Immunol., 16:1449-1452 (1986).	
Barak et al., "Interleukin 1 Inhibitor: Characterization of Mechanism of Activity", Lymphokine Res. 7:268 (Abstract No. 1.32) (1988).	
Beck et al., "Production of Interleukin 1 and A C1q Induced Interleukin 1 Inhibitor by B-CLL Cells", RES 1987 Annual Meeting (Abstract No. 232).	
Bienkowski et al., "Purification and Characterization of Interleukin 1 Receptor Level Antagonist Proteins from THP-1 Cells", J. Biol. Chem., 265(24):14505-14511 (1990).	
Billingham et al., "Interleukin-1: Its Relevance to Rheumatoid Arthritis", British J. Rheum., 24 (suppl. 1):25-28 (1985).	
Biotechnology Bulletin (1994) 31 July 1994, 13(6):2 (100-199 words).	
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Bories et al., "Human $\alpha$ 1-Acid Glycoprotein-exposed Macrophages Release Interleukin 1 Inhibitory Activity", Biochem. and Biophys. Res. Comm., 147(2):710-715 (1987).	
Bowie et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions", Science, 247:1306-1310 (1990).	
Brown et al., "Mechanism of Action of a Human Interleukin-1 Inhibitor", J. Leukocyte Biol., 37:688-689 (Abstract) (1985)	
Bulletin International d'Informations (Droit et Pharmacie), 21 Sept. 1994, 8/9 pg. 89(100-199 words).	
Cannon et al., "Circulating Interleukin-1 and Tumor Necrosis Factor in Septic Shock and Experimental Endotoxin Fever", Journal of Infectious Diseases, 161:79-84 (1990).	
Carter et al., "Purification, cloning, expression and biological characterization of an interleukin-1 receptor antagonist protein", Nature, 344:633-638 (1990).	
Catalano, "Clinical Use of Human Recombinant IL-1 Receptor Antagonist", Keystone Symposium on Cytokines and Cytokine Receptors, Jan. 31-Feb 7, 1993, pg. 55 (Abstract No. E016).	
Cominelli et al., "Interleukin-1 in the pathogenesis of and protection from inflammatory bowel disease", Biotherapy, 1(4):369-375 (1989).	
Cominelli et al., "Regulation of Eicosanoid Production in Rabbit Colon by Interleukin-1", Gastroenterology, 97(6):1400-1405 (1989).	
Cominelli et al., "Interleukin 1 (IL-1) Gene Expression, Synthesis, and Effect of Specific IL-1 Receptor Blockade in Rabbit Immune Complex Colitis", J. Clin. Invest., 86:972-980 (1990).	
Conti et al., "Human Recombinant Interleukin-1 Receptor Antagonist (hrIL-1ra) Enhances the Stimulatory Effect of Interleukin-2 on Natural Killer Cell Activity Against Molt-4 Target Cells", Int. J. Immunopharmac., 14(6):987-993 (1992).	
Dinarello, "Interleukin-1 and Interleukin-1 Antagonism", Blood, 77(8):1627-1652 (1991).	
Dinarello et al., "Interleukin-1", Digestive Diseases & Sciences, 33(3):25S-35S (1988).	
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Dinarello et al., "Interleukins", Ann. Rev. Med., 37:173-178 (1986).	
Durum et al., "Interleukin 1: An Immunological Perspective", Ann. Rev. Immunol., 3:263-287 (1985).	
Eichacker et al., "The Effects of Human Recombinant Interleukin-1 (IL-1) on Canine Alveolar Neutrophil(N) Number and Lung Function", Critical Care Medicine, April 1989, pg. S58 (Abstract).	
Ferrara, "The Role of Interleukin 1 (IL-1) and IL-1 Receptor Antagonist in Graft-Versus-Host Disease", Keystone Symposium on Cellular Immunity & the Immuno-therapy of Cancer, March 17-24, 1993, pg. 96 (Abstract No. NZ 019).	
Furutani et al., "Cloning and characterization of the cDNAs for human and rabbit interleukin-1 precursor", Nucleic Acids Res., 13(16):5869-5882 (1985).	
Girardin et al., "Tumor Necrosis Factor and Interleukin-1 in the Serum of Children with Severe Infectious Purpura", New England Journal of Medicine, 319(7):397-400 (1988).	
Hall, "Isolation and partial purification of an inhibitor to interleukin 1", Chem. Abstr., 105(17):539, abstract No. 151238W (Diss. Abstr. Int. B, 46(12), pt. 1, 4191 (1986).	
Hall, "Isolation and Partial Purification of an Inhibitor to Interleukin I," a dissertation submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy at Virginia Commonwealth University, VCU, Richmond, VA, pgs. 1-218 (December 1985).	
Helfman et al., "Identification of clones that encode chicken tropomyosin by direct immunological screening of a cDNA expression library", Proc. Natl. Acad. Sci. USA, 80:31-35 (1983).	
Hill et al., "Interleukin 1: A Regulatory Role in Glucocorticoid-Regulated Hepatic Metabolism", J. Immunol., 137(3):858-862 (1986).	
Kemp et al., "Inhibition of Interleukin 1 Activity by a Factor in Submandibular Glands of Rats", J. Immunol. 137(7):2245-2251 (1986).	
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Kimball et al., "Interleukin 1 Activity in Normal Human Urine", <i>J. Immunol.</i> , 133(1):256-260 (1984)	
Korn et al., "Augmentation of IL 1-Induced Fibroblast PGE2 Production by a Urine-Derived IL 1 Inhibitor", <i>J. Immunol.</i> , 138(10):3290-3294 (1987).	
Kramer et al., "Comparisons of the Complete Sequences of Two Collagen Genes from <i>Caenorhabditis elegans</i> ", <i>Cell</i> , 30:599-606 (1982).	
Kupper et al., "Hydrocortisone Reduces Both Constitutive and UV-Elicited Release of Epidermal Thymocyte Activating Factor (ETAF) by Cultured Keratinocytes", <i>J. Investigative Dermatology</i> , 87:570-573 (1986).	
Liao et al., "Identification of a Specific Interleukin 1 Inhibitor in the Urine of Febrile Patients", <i>J. Exp. Med.</i> 159:126-136 (1984).	
Locksley et al., "Release of Interleukin 1 Inhibitory Activity (Contra-IL-1) by Human Monocyte-derived Macrophages Infected with Human Immunodeficiency Virus In Vitro and In Vivo", <i>J. Clin. Invest.</i> , 82:2097-2105 (December 1988).	
Lomedico et al., "Cloning and expression of murine interleukin-1 cDNA in <i>Escherichia coli</i> ", <i>Nature</i> , 312:458-462 (1984).	
Lotz et al., "Characterization of Interleukin-1 Inhibitors in Rheumatoid Synovial Fluid", <i>Arthritis Rheum.</i> , 29:S38 (Abstract No. 162) (1986).	
Lotz et al., "Release of Lymphokines After Infection with Epstein Barr Virus In Vitro", <i>J. Immunol.</i> , 136(10):3643-3648 (1986).	
Maniatis, "Strategies for cDNA Cloning" and "Construction of Genomic Libraries in Bacteriophage $\lambda$ Vectors" and "Hybridization of Southern Filters", <i>Molecular Cloning, A Laboratory Manual</i> , Cold Springs Harbor Laboratory, CSH, NY, pp. 224-228, 229-246, 270-307, and 387-389 (1982).	
Matsudaira, "Sequence from Picomole Quantities of Proteins Electroblotted onto Polyvinylidene Difluoride Membranes", <i>J. Biological Chem.</i> , 262(21):10035-10038 (1987).	
Mazzei et al., "Purification and Characterization of a 26-kDa Competitive Inhibitor of Interleukin 1," <i>Eur. J. Immunol.</i> , 20:683-689 (1990).	
Examiner _____ Date Considered _____	
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Miossec et al., "Production of Both Interleukin-1 (IL-1-Like Activity and IL-1 Inhibitory Factor by Endothelial Cells (EC)", Fed Proc., 44:1262 (Abstract No. 4978) (1985).	
Moldawer, "Interleukin-1, TNFa and Their Naturally Occurring Antagonists in Sepsis", Blood Purif., 11:128-133 (1993).	
Moonen et al. , "Bioassay for interleukin-1 inhibitors", Chem. Abstr., 107:587 (Abstract 234307K) (1987).	
Nishihara et al., "Production of an Interleukin-1 Inhibitor by Cell Line P388D1 Murine Macrophages Stimulated with <i>Haemophilus actinomycetemcomitans</i> Lipopolysaccharide", Infection and Immunity, 56(11):2801-2807 (1988).	
Ohlsson et al., "Interleukin-1 receptor antagonist reduces mortality from endotoxin shock", Nature:348:550-552 (1990).	
Okusawa et al., "Interleukin 1 induces a Shock-like State in Rabbits", J. Clin. Invest., 81:1162-1172 (1988).	
Piguet et al., "Interleukin 1 Receptor Antagonist (IL-1ra) Prevents or Cures Pulmonary Fibrosis Elicited in Mice by Bleomycin or Silica", Cytokine, 5(1):57-61 (1993).	
Poli et al., "Interleukin 1 induces expression of the human immunodeficiency virus alone and in synergy with interleukin 6 in chronically infected U1 cells: Inhibition of inductive effects by the interleukin 1 receptor antagonist", Proc. Natl. Acad. Sci. USA, 91:108-112 (1994).	
Pujol et al., "Interleukin-1 and Osteoarthritis", Life Sciences, 41:1187-1198 (1987)	
Relton & Rothwell, "Interleukin-1 Receptor Antagonist Inhibits Ischaemic and Excitotoxic Neuronal Damage in the Rat", Brain Research Bulletin, 29:243-246 (1992).	
Roberts et al., "Interleukin-1 and Inhibitor Production by Human Macrophages Exposed to Influenza Virus or Respiratory Syncytial Virus", The Physiologic, Metabolic, and Immunologic Actions of Interleukin-1, Proceeding of a Symposium Held in Ann Arbor, Michigan, June 4-6, 1985, pp. 409-418, Alan R. Liss Inc. publisher (1985).	
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Roberts et al., "Interleukin 1 and Interleukin 1 Inhibitor Production by Human Macrophages Exposed to Influenza Virus or Respiratory Syncytial Virus", <i>J. Exp. Med.</i> , 163:511-519 (1986).	
Rodgers et al., "Monocyte-Derived Inhibitor of Interleukin 1 Induced by Human Cytomegalovirus", <i>J. Virol.</i> , 55(3):527-532 (1985).	
Rolfe et al., "Interleukin-1 Receptor Antagonist Expression in Sarcoidosis", <i>Am. Rev. Respir. Dis.</i> , 148:1378-1384 (1993).	
Rosenstreich et al., "Studies on a Urine Derived Human Interleukin-1 Inhibitor", <i>The Physiologic, Metabolic, and Immunologic Actions of Interleukin-1</i> , Proceeding of a Symposium Held in Ann Arbor, Michigan, June 4-6, 1985, pp. 419-428.	
Rosenstreich et al., "Human interleukin 1 inhibitors", <i>Chem. Abstr.</i> , volume 108, no. 17 (1988), p. 559, abstract no. 148372s; from <i>Lymphokines</i> , 14:63-89 (1987).	
Rothwell & Relton, "Involvement of Cytokines in Acute Neurodegeneration in the CNS", <i>Neurosci. Biobehav. Rev.</i> , 17:217-227 (1993).	
Scala et al., "Accessory Cell Function of Human B Cells", <i>J. Exp. Med.</i> , 159:1637-1652 (1984).	
Scala et al., "Regulatory Counteraction to Interleukin 1 (IL1) Production and Activity by Inhibitory Cells and Factors", <i>Lymphokine Res.</i> , 3:271 (Abstract) (1984).	
Scala G., Matsushima K., Oppenheim J.J., "Inhibitory cells and factors that regulate the production and activities of interleukin 1 IL-1", <i>Serono symposia publications from Raven Press</i> , Vol. 23, <i>Immunopharmacology</i> , editors, Peter A. Miescher, L. Bolis, M. Ghione. New York, pp. 41-50 (1985).	
Schnyder et al., "Human Monocyte or Recombinant Interleukin 1's are Specific for the Secretion of a Metalloproteinase from Chondrocytes", <i>J. Immunol.</i> , 138(2):496-503 (1987).	
Schwarz et al., "UV-Irradiated Epidermal Cells Produce a Specific Inhibitor of Interleukin 1 Activity", <i>J. Immunol.</i> , 138(5):1457-1463 (1987).	
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Seckinger et al., "Interleukin-1 Inhibitors", 18th Forum in Immunology, Ann. Inst. Pasteur Immunol., 138:486-488 (1987).	
Seckinger et al., "A Urine Inhibitor of Interleukin 1 Activity Affects Both Interleukin 1 $\alpha$ and 1 $\beta$ But Not Tumor Necrosis Factor $\alpha$ 1", J. Immunol., 139(5):1541-1545 (1987).	
Seckinger et al., "A Urine Inhibitor of Interleukin 1 Activity that Blocks Ligand Binding", J. Immunol., 139:1546-1549 (1987).	
Seckinger et al., "Natural and Recombinant Human IL-1 Receptor Antagonists Block the Effects of IL-1 on Bone Resorption and Prostaglandin Production", J. Immunol., 145(12):4181-4184 (1990).	
Shirahama et al., "Kupffer Cells May Autoregulate Interleukin 1 Production by Producing Interleukin 1 Inhibitor and Prostaglandin E2", Scand. J. Immunol., 28:719-725 (1988).	
Sissons et al., "A Monocyte Derived Inhibitor of Interleukin 1 Induced by Human Cytomegalovirus", Clin. Res., 33(2):(Abstract No. 610A) (1985)	
Sofer, "Chromatographic Removal of Pyrogens", Bio/Technology, December:1035-1038 (1984).	
Sofer et al., "Designing an Optimal Chromatographic Purification Scheme for Proteins", BioTechniques, Nov/Dec 1983, pp. 198-203.	
Stimpson et al., "Exacerbation of Arthritis by IL-1 in Rat Joints Previously Injured by Peptidoglycan-Polysaccharide", J. Immunol., 140:2964-2969 (1988).	
Suggs et al., "Use of synthetic oligonucleotides as hybridization probes: Isolation of cloned cDNA sequences for human $\beta$ 2-microglobulin", Proc. Natl. Acad. Sci. USA, 78:6613-6617 (1981).	
Sullivan et al., "Inhibition of the Inflammatory Action of Interleukin-1 and Tumor Necrosis Factor (Alpha) on Neutrophil Function by Pentoxyfylline", Infection & Immunity, 56(7):1722-1729 (1988).	
Takahashi et al., "Basal and Clinical Investigation of Urine IL-1 Inhibitor", Hiroshima Univ. Med. J., 35(4):813-842 Dialog Abstract, BIOSIS Number 85016332 (1987) (Japanese with English Abstract).	
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Tan et al., "Inhibition of Bone Resorption by a Diphosphonate: <i>in vitro</i> Interleukin 1 Studies and Phase 1 Trials in Rheumatoid Arthritis", Australian and New Zealand Rheum Assoc., Abstract on p. 113 (1986).	
Thomas et al., "Evaluation of an interleukin-1 receptor antagonist in the rat acetic acid-induced colitis model", Agents & Action, 34:187-190 (1991).	
Tiku et al., "Neutrophil Production of an Interleukin-1 Inhibitor", J. Leukocyte Biol., 37:747-748 (Abstract) (1985).	
Tiku et al., "Synovial Fibroblast Cell Proliferation Can Be Inhibited by Polymorphonuclear Derived Inhibitor to Interleukin-1", Arthritis. Rheum., 29:S98 (Abstract E34) (1986).	
Tiku et al., "Interleukin 1 Production by Human Polymorphonuclear Neutrophils", J. Immunol., 136(10):3677-3685 (1986).	
Tiku et al., "Normal Human Neutrophils are a Source of a Specific Interleukin 1 Inhibitor", J. Immunol., 136(10):3686-3692 (1986).	
Tracey et al., "Detection of an Inhibitor of Interleukin-1 Activity in Febrile Mouse Serum", J. Leukocyte Biol., 37:750 (top Abstract) (1985).	
Tracey et al., "The Use of Murine T-Cell Lines to Evaluate the Effects of Several Pharmacological Agents on Interleukin-1 Activity", J. Leukocyte Biol., 37:750-751 (Abstract) (1985).	
Ulich et al., "The Intratracheal Administration of Endotoxin and Cytokines. III. The Interleukin-1 (IL-1) Receptor Antagonist Inhibits Endotoxin- and IL-1-Induced Acute Inflammation", Am. J. Pathology, 138(3):521-524 (1991).	
van Hilt et al., "A Report on the International Conference on Inflammation Held in Rome, October 6-11, 1991", DN&P, 5(1):59-62 (1992).	
Wakabayashi et al., "A specific receptor antagonist for interleukin 1 prevents <i>Escherichia coli</i> -induced shock in rabbits", FASEB J., 5(3):338-343 (1991).	
Westley et al., "Newcastle Disease Virus-Infected Splenocytes Express the Proopiomelanocortin Gene", J. Exp. Med., 163:1589-1594 (1986).	
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